

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A computer aided diagnostic system, comprising:
a sick portion detecting means for detecting device configured to detect a sick portion candidate based upon an image acquired by a first modality; and
a correspondence displaying means for relating device configured to relate the position of the detected sick portion candidate on an image acquired by a second modality different from the first modality and ~~displaying to display~~ it.

Claim 2 (Currently Amended): A computer aided diagnostic system, comprising:
a first sick portion detecting means for detecting device configured to detect a sick portion candidate based upon an image acquired by a first modality;
a second sick portion detecting means for detecting device configured to detect a sick portion candidate based upon an image related to the same region of interest of the same subject acquired by a second modality different from the first modality; and
a detection result synthesizing means for comparing device configured to compare the results of detection by the first and second sick portion detecting ~~means~~ devices.

Claim 3 (Currently Amended): A computer aided diagnostic system according to Claim 1, comprising:
a correspondence displaying means for relating device configured to relate the position of a sick portion candidate detected by the first sick portion detecting ~~means~~ device on an image analyzed by the second sick portion detecting ~~means~~ device and ~~displaying to display~~ it, at the same time, for relating and for relating the position of a sick portion

candidate detected by the second sick portion detecting ~~means~~ device on an image analyzed by the first sick portion detecting ~~means~~ device and ~~displaying~~ to display it.

Claim 4 (Currently Amended): A computer aided diagnostic system according to Claim 2, comprising:

a correspondence displaying ~~means for displaying~~ device configured to display the following portion so that the portion can be identified in case the detection result synthesizing ~~means~~ device judges that there is the portion detected as a sick portion candidate by only either of the first or second sick portion detecting ~~means~~ device.

Claim 5 (Original): A computer aided diagnostic system according to Claim 1, wherein:

an image acquired by either of the first or second modality is an X-ray CT image; and
an image acquired by the other modality is a simple X-ray radioscopic image.

Claim 6 (Original): A computer aided diagnostic system according to Claim 2, wherein:

an image acquired by either of the first or second modality is an X-ray CT image; and
an image acquired by the other modality is a simple X-ray radioscopic image.

Claim 7 (Currently Amended): A computer aided diagnostic system, comprising:
a sick portion detecting ~~means for detecting~~ device configured to detect a sick portion candidate based upon an image acquired by one modality;

an image transforming ~~means for transforming~~ device configured to transform the image acquired by the modality; and

a correspondence displaying ~~means for relating~~ device configured to relate the position of the sick portion candidate detected by the sick portion detecting ~~means~~ device on the transformed image and ~~displaying~~ to display it.

Claim 8 (Currently Amended): A computer aided diagnostic system, comprising:

an image transforming ~~means for transforming~~ device configured to transform an image acquired by one modality;

a sick portion detecting ~~means for detecting~~ device configured to detect a sick portion candidate based upon the transformed image; and

a correspondence displaying ~~means for relating~~ device configured to relate the position of the sick portion candidate detected by the sick portion detecting ~~means~~ device on the image acquired by the modality and ~~displaying~~ to display it.

Claim 9 (Currently Amended): A computer aided diagnostic system, comprising:

a first sick portion detecting ~~means for detecting~~ device configured to detect a sick portion candidate based upon an image acquired by one modality;

an image transforming ~~means for transforming~~ device configured to transform the image acquired by the modality;

a second sick portion detecting ~~means for detecting~~ device configured to detect a sick portion candidate based upon the transformed image; and

a detection result synthesizing ~~means for comparing~~ device configured to compare the results of detection by the first and second sick portion detecting ~~means~~ devices.

Claim 10 (Currently Amended): A computer aided diagnostic system according to Claim 9, comprising:

a correspondence displaying ~~means for relating~~ device configured to relate the position of a sick portion candidate detected by the first sick portion detecting ~~means~~ device on an image analyzed by the second sick portion detecting ~~means~~ device and ~~displaying to display it, at the same time, to relate~~ and for relating the position of a sick portion candidate detected by the second sick portion detecting ~~means~~ device on an image analyzed by the first sick portion detecting ~~means~~ device and ~~displaying to display~~ it.

Claim 11 (Currently Amended): A computer aided diagnostic system according to Claim 9, comprising:

a correspondence displaying ~~means for displaying~~ device configured to display the following portion so that the portion can be identified in case the detection result synthesizing ~~means~~ device judges that there is the portion detected as a sick portion candidate by only either of the first or second sick portion detecting ~~means~~ device.

Claim 12 (Currently Amended): A computer aided diagnostic system according to Claim 7, wherein:

an image acquired by the modality is an X-ray CT image; and
an image generated by the image transforming ~~means~~ device is a simple X-ray radioscopic image.

Claim 13 (Currently Amended): A computer aided diagnostic system according to Claim 8, wherein:

an image acquired by the modality is an X-ray CT image; and
an image generated by the image transforming ~~means~~ device is a simple X-ray radioscopic image.

Claim 14 (Currently Amended): A computer aided diagnostic system, comprising:
a sick portion detecting means-for-detecting device configured to detect a sick portion
candidate based upon an image acquired by a modality which can sense plural tomographic
images;
an image reconfiguring means-for-reconfiguring device configured to reconfigure an
image based upon stereoscopic image data acquired by the modality; and
a correspondence displaying means-for-relating device configured to relate the
position of the sick portion candidate detected by the sick portion detecting ~~means~~ device on
the reconfigured image and ~~displaying~~ to display it.

Claim 15 (Currently Amended): A computer aided diagnostic system, comprising:
an image reconfiguring means-for-reconfiguring device configured to reconfigure an
image based upon stereoscopic image data acquired by a modality which can sense plural
tomographic images;
a sick portion detecting means-for-detecting device configured to detect a sick portion
candidate based upon the reconfigured image; and
a correspondence displaying means-for-relating device configured to relate the
position of the sick portion candidate detected by the sick portion detecting ~~means~~ device on
an image acquired by the modality and ~~displaying~~ to display it.

Claim 16 (Currently Amended): A computer aided diagnostic system, comprising:
a first sick portion detecting means-for-detecting device configured to detect a sick
portion candidate based upon an image acquired by a modality which can sense plural
tomographic images;

an image reconfiguring means-for-reconfiguring device configured to reconfigure an image based upon stereoscopic image data acquired by the modality;

a second sick portion detecting means-for-detecting device configured to detect a sick portion candidate based upon the reconfigured image; and

a detection result synthesizing means-for-comparing device configured to compare the results of detection by the first and second sick portion detecting means devices.

Claim 17 (Currently Amended): A computer aided diagnostic system according to Claim 16, comprising:

a correspondence displaying means-for-relating device configured to relate the position of a sick portion candidate detected by the first sick portion detecting means device on an image analyzed by the second sick portion detecting means device and displaying it and-for-relating to display, at the same time, to relate the position of a sick portion candidate detected by the second sick portion detecting means device on an image analyzed by the first sick portion detecting means device and displaying to display it.

Claim 18 (Currently Amended): A computer aided diagnostic system according to Claim 16, comprising:

a correspondence displaying means-for-displaying device configured to display the following portion so that the portion can be identified in case the detection result synthesizing means device judges that there is the portion detected as a sick portion candidate by only either of the first or second sick portion detecting means device.

Claim 19 (Currently Amended): A computer aided diagnostic system according to Claim 14, wherein:

the modality is X-ray CT;

an image analyzed by the sick portion detecting ~~means~~ device is plural axial images reconfigured by the X-ray CT; and

the image reconfiguring ~~means~~ device generates a digitally reconstructed radiograph based upon the plural axial images.

Claim 20 (Currently Amended): A computer aided diagnostic system according to Claim 14, wherein:

the modality is X-ray CT;

an image analyzed by the sick portion detecting ~~means~~ device is plural axial images reconfigured by the X-ray CT; and

the image reconfiguring ~~means~~ device generates an MPR image based upon the plural axial images.

Claim 21 (New): A computer aided diagnosing method, comprising:

detecting a sick portion candidate based upon an image acquired by a first modality;
and

relating the position of the detected sick portion candidate on an image acquired by a second modality different from the first modality and displaying it.

Claim 22 (New): A computer aided diagnosing method, comprising:

detecting a sick portion candidate based upon an image acquired by a first modality;
detecting a sick portion candidate based upon an image related to the same region of interest of the same subject acquired by a second modality different from the first modality;
and

comparing the results of detection at the first and second detecting.

Claim 23 (New): A computer aided diagnosing method, comprising:
detecting a sick portion candidate based upon an image acquired by one modality;
transforming the image acquired by the modality; and
relating the position of the sick portion candidate detected at the sick portion detecting
on the transformed image and displaying it.

Claim 24 (New): A computer aided diagnosing method, comprising:
transforming an image acquired by one modality;
detecting a sick portion candidate based upon the transformed image; and
relating the position of the sick portion candidate detected at the sick portion detecting
on the image acquired by the modality and displaying it.

Claim 25 (New): A computer aided diagnosing method, comprising:
detecting a sick portion candidate based upon an image acquired by one modality;
transforming the image acquired by the modality;
detecting a sick portion candidate based upon the transformed image; and
comparing the results of detection at the first and second sick portion detecting.

Claim 26 (New): A computer aided diagnosing method, comprising:
detecting a sick portion candidate based upon an image acquired by a modality which
can sense plural tomographic images;
reconfiguring an image based upon stereoscopic image data acquired by the modality;
and

relating the position of the sick portion candidate detected at the sick portion detecting on the reconfigured image and displaying it.

Claim 27 (New): A computer aided diagnosing method, comprising:
reconfiguring an image based upon stereoscopic image data acquired by a modality which can sense plural tomographic images;
detecting a sick portion candidate based upon the reconfigured image; and
relating the position of the sick portion candidate detected at the sick portion detecting on an image acquired by the modality and displaying it.

Claim 28 (New): A computer aided diagnosing method, comprising:
detecting a sick portion candidate based upon an image acquired bar a modality which can sense plural tomographic images;
reconfiguring an image based upon stereoscopic image data acquired by the modality;
detecting a sick portion candidate based upon the reconfigured image; and
comparing the results of detection at the first and second sick portion detecting.